

**Central Valley Fish Facilities Review Team
Draft Meeting Minutes
November 11, 1999
DWR-ESO Conference Room**

Participants: Dan Odenweller*, Charles Liston, Bill O'Leary, Ted Frink, Marianne Kirkland, Ryan Olah, Ron Ott, Jim Buell, Steve Ford, Rick Wantuck, Darryl Hayes, Randy Beckwith, Ron Kino, Hal Dreyer, Stuart Running, Steve Gallo, Warren Shaul, Doug Brewer, and Bob Fujimura.

* Co-chairman

Agricultural Diversion White Paper

There was a lengthy discussion on the E-mail exchange generated from the posting of a proposal for CALFED to write a white paper to evaluate small fish screens on agricultural diversions in the South Delta and Suisun March. Because of the vigorous response after its release, there was considerable concern over how the proposal was circulated to persons outside of this team. DWR staff explained the purpose of the proposal and why it was circulated to additional teams. There was further discussion on whether future communications should be coordinated through the team first, sent to contact representatives on other teams, or sent directly to the members of other groups in parallel.

UCD Small Screen Evaluation Proposal

UCD staff submitted a proposal to evaluate small diversion fish screens at the UCD Hydraulic Laboratory for funding through the IEP. The initial response was not to recommend full funding through the IEP, although the proponents were encouraged to seek funding through DWR, NRCS, or the Striped Bass Stamp Fund. It was mentioned that the proponents may need to make some changes in their proposed budget.

Status Reports

Some major CVFFRT issues were discussed at the Central Valley Fish Facilities Coordination Team Meeting. They were informed on concerns over the low influence of the CVFFRT members in certain CALFED venues. Mike Thabault was identified as the USFWS contact person concerning delta smelt issues. They support a staff exchange between USBR and DWR to facilitate the planning to new South Delta fish facilities and generally supportive of the CVFFRT efforts.

The UCD Fish Treadmill team has sent their draft project report to all CVFFRT members. Members were encouraged to provide comments by December 6, although the final deadline for all comments is January 5.

Dan Odenweller passed out copies of the DFG dive inspection report of the Sherman Island fish

screens.

It was announced that there would be \$25 M in federal funds to help small diverters to screen their intakes. Rick Wantuck mentioned that this money was focused mainly on coastal streams in the Pacific Northwest and parties in the Sacramento-San Joaquin drainage may not eligible to receive funding.

Proposal for Design Drawings for a Test MIS System

DWR discussed a proposal to obtain design drawings and planning information to build and implement a test MIS fish screen at the UCD Hydraulic Laboratory. The team was concerned about the possible indirect impact of this project on other key studies for the TFTF being also planned using the same testing facility. USBR staff was also concern about the fiscal effect of competing projects on the construction and implementation of the TFTF fish facility's evaluations. Suggestions to reduce the impact of adding MIS evaluations at Davis included scheduling this work after the TFTF studies are completed or run combined MIS/fish crowder experiments. NFMS staff doubt the likelihood of using this device to screen T&E species without extensive laboratory testing. It was also suggested that the MIS could be used as a post-lift pump separator system and the proposal needs more details on coordinating this projects with the other screen evaluations planned at Davis.

Gunderboom Barrier

Steve Gallo of Southern Energy, Inc. explained the proposed installation of a Gunderboom, Inc. barrier to reduce ichthyoplankton entrainment in the Costa Costa Power Plant cooling water intake. Positive barrier plate screens were ruled out due the high screening area and costs involved. Hal Dreyer of Gunderboom, Inc. described the Gunderboom barrier. The flexible double-walled barrier is supported by an inflatable boom and held into placed by anchors. Initially it was used to removed suspended sediment in Alaskan streams and has been applied as a fish egg barrier to a New York power plant intake. The barrier is cleaned using an air burst cleaning system. Southern Energy is proposing to install this system next year for use from February through July as part of the power plant's HCP. The team requested the names of resource agencies consulted with the HCP and NY licencing agency contact person. The local agency contact persons were:

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| USFWS: | Mike Thabault and Paul Hanna |
| NMFS: | Mike Aceituno |
| CDFG: | Suzanne Deleón |

Flex-Rake System

Brent Cromar of JBI Duperon Corp. presented their Flex-Rake system, a low speed, high torque, screen or trash rack cleaner. Its benefits include large debris handling, mechanically simple, and lacks a bottom bearing and hardware. Up to fifty units in operation in USA.

Next Meeting

The next meeting is scheduled for January 5, 2000 at the NRCS office in Davis.